

GE Placement Paper

Dear Friends,

This is Sreedhar rao M.Tech (Structural Engg), IIT Guwahati. Here I am giving you brief discussion about GE.

Question Paper :

Part 1: Aptitude, 10 questions (10 marks) this is common for all branches.

Part 2: Stress, 10 Technical questions (10 marks) this is common for Civil/Mechanical. Don't expect much about written test. It is very simple without preparation, you can clear written.

In aptitude simple questions on flow chart based question, one question on numbers (just solving two equations, you can get answer), one question on cost and price, questions on time and work, one question on train (the length of train is 1.5 km and the time taken to cross 1km bridge is 10sec. If the bridge is 2km. How much time the same train to cross the bridge?). Finally all were numericals. One more question:

Some of the reciprocals of two numbers is $1/12$ and difference is $1/24$ then find the smaller number of them? Better look at R.S. Aggarwal once. No questions on English.

In technical paper, as name suggests that it was completely on stress calculations. Simple numericals on hoop stress, formula for equivalent bending moment, principal stress diagram was given that $\sigma_1=200\text{Mpa}$, $\sigma_2=-100\text{Mpa}$ and find principal strain? ($E=250\text{Mpa}$, $\nu=0.25$). One diagram was given which was having steel and copper and options were given to choose which material will be subjected to tension and compression. Simple question on springs, spring has stiffness k , if the spring was cut into 2 pieces what about the stiffness.

One question on ratios of solid and hollow shafts. See the text book once. One simple question on natural frequency, A cantilever beam is having weight 10N at free end. Find the natural frequency?

I got 6/10 in aptitude, 8/10 in tech. I went for the interview. He asked me about my thesis work. Some simple questions on thesis work. I answered all expect one. I was thinking for that question. He asked me to leave that question. Then he moved to ask questions on mechanics. I answered 50% of mechanics questions. I was eliminated in technical interview. Only two were placed in GE. One from mechanical and one from structure. Some of my friends were also eliminated in HR round also.

The persons, who are working in complete finite element analysis have better chances to get placed in GE. My experience may help you in future. GE pay package was 6.35 lacs in hand.